



'Pop-up flight has delivered great savings'

At Sirena Coldstores A/S reducing food loss in production is very important to us. We chose to work with Ammeraal Beltech during the development of the new Pop-up flight modular belt, which has delivered great savings.

We needed a solution to convey frozen fish from the floor line to ceiling height. This is very difficult because normal options such as a flighted incline conveyor were not possible – the fish freezes to the belt and has to be scraped off at the discharge point. Other options such as a horizontal conveyor transferring to a vertical bucket conveyor would result in more products loss due to the extra transfer points. Also because an elevator conveyor is much slower there was a risk of fish defrosting – which could be a serious food safety problem!

Ammeraal Beltech proposed their new development "Pop-up flight". This is a brilliant but simple solution for our problem. The Pop-up flight is simply a flight that is activated when the products are pushed up, and then the flight lies down so a discharge belt scraper can be used on the return side. We can now convey fish up a steep incline thanks to the flights, but can still scrape the product off.

The Pop-up flight innovation from Ammeraal Beltech Modular has solved our problems. We have a shorter conveyor with a steep incline so the product doesn't have time to defrost during transportation and we have eliminated potential food loss due to multiple belt transfer points. Plus we can still scrape the belt, meaning we don't have food loss from product sticking to the belt and falling off in the return path.

In my opinion the Pop-up flight solution is perfect and I believe that the solution with Pop-up flight can be used to transport all types of frozen and fresh products. I am looking forward to experiencing the long-term benefits of the system.



Tommy Pedersen

Managing Director, Sirena Coldstores A/S